



2019 Project Review Sheet (2020 Construction)

City Council District 2 (Ballot # 2E)

| | |
|-----------------------|---|
| Project # | 19-94 |
| Project Title: | Traffic calming |
| Location: | Neighborhood: Rainier Beach, 98118 Area: The steep hill on Waters Ave S (from Waters Ave S. and S. Pilgrim St. to Waters Ave S. and 57th Ave S.) |

SDOT Contact Information

SDOT Reviewer Name: Venu Nemani
Reviewer Phone Number: (206) 733-9643
Review Date: August 7th, 2019

SDOT Project Summary

SDOT approves project

- ☐ Yes
☒ Yes, with revisions
☐ No

Comments: Based upon recent traffic data, SDOT recommends the installation of speed cushions.

There is an opportunity to partner with another program:

- ☒ Yes
☐ No

Partnering Program: Safe Routes to School program

Total Project Cost: \$35,000

YVYC 2019: Project 19-94, The steep hill on Waters Ave S (from Waters Ave S. and S. Pilgrim St. to Waters Ave S. and 57th Ave S.)



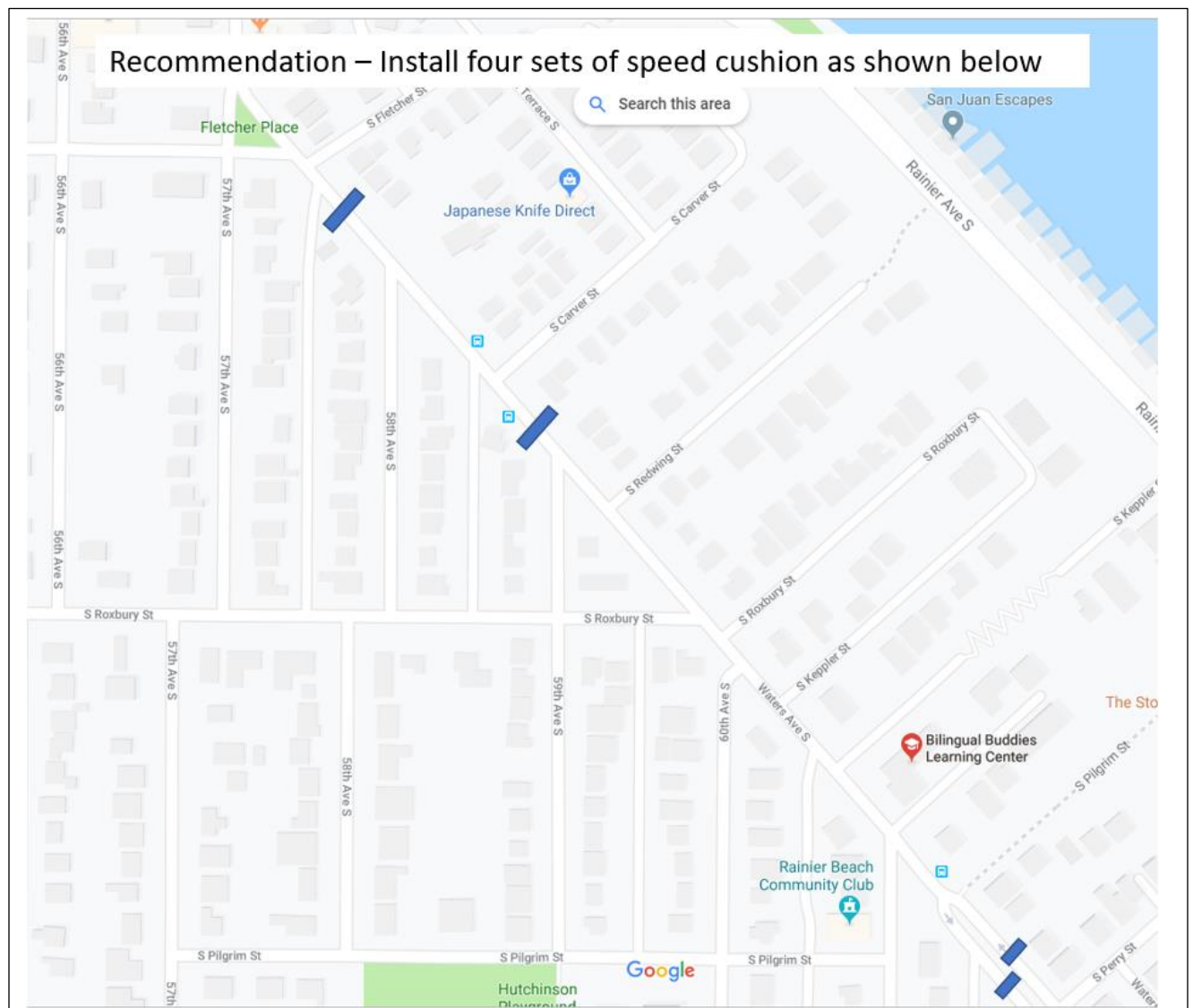
Solution and Comments:

This review has been completed for use in the 2019 Your Voice, Your Choice: Parks & Streets process.

Speed data collected on Waters Ave S, just south of the subject limits - in the non-arterial section, show 85th % speeds of 32mph in the southbound direction and 29mph in the northbound direction.

This review recommends three sets of speed cushions on Waters Ave S between 57th Ave S and S Perry St.

Image:



YVYC 2019: Project 19-94, The steep hill on Waters Ave S (from Waters Ave S. and S. Pilgrim St. to Waters Ave S. and 57th Ave S.)



Information Provided by Community Members

Project Idea: Traffic calming on Waters Ave S and the addition of crosswalk beacons to the existing crosswalks

Need for Project: Drivers speed on this steep hill and often drive through the crosswalks. Traffic calming devices such as speed humps and/or radar speed signs will help slow traffic. The addition of the crosswalk beacons to the two existing crosswalks will increase pedestrian safety.

Community Benefit from Project: Pedestrians, Emerson Elementary students, citizens of the Rainier Beach Community

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Risk Registry

| SDOT Review | Drainage impacts | Constructability | Community process |
|-------------|------------------|------------------|-------------------|
| Medium | Medium | Medium | Medium |

Cost Estimate

| Design Phase | |
|---|----------|
| Preliminary Engineering (Survey) Costs | \$0 |
| Project Management Costs (City Labor) | \$100 |
| Design Costs (Consultant Fees, if externally designed, internal labor otherwise) | \$3,400 |
| Subtotal – Design Phase Costs | \$3,500 |
| Design Contingency (10% of Design Phase Subtotal) | \$500 |
| Total Design Phase Costs | \$4,000 |
| Construction Phase | |
| Construction Costs (include urban forestry, signs & markings, traffic control, layout or construction staking as necessary) | \$21,000 |
| Drainage Costs | \$0 |
| Estimating Contingency (10-20%) | \$2,000 |
| Subtotal – Construction Costs | \$23,000 |
| Construction Management (10-25% of Construction Cost) | \$3,000 |
| Construction Contingency (20%) | \$5,000 |
| Total Construction Phase Costs | \$31,000 |
| Total Project Cost = Total Design and Construction Phase Costs | \$35,000 |

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